



## Gulf of Mexico Harmful Algal Bloom Bulletin

Region: Texas

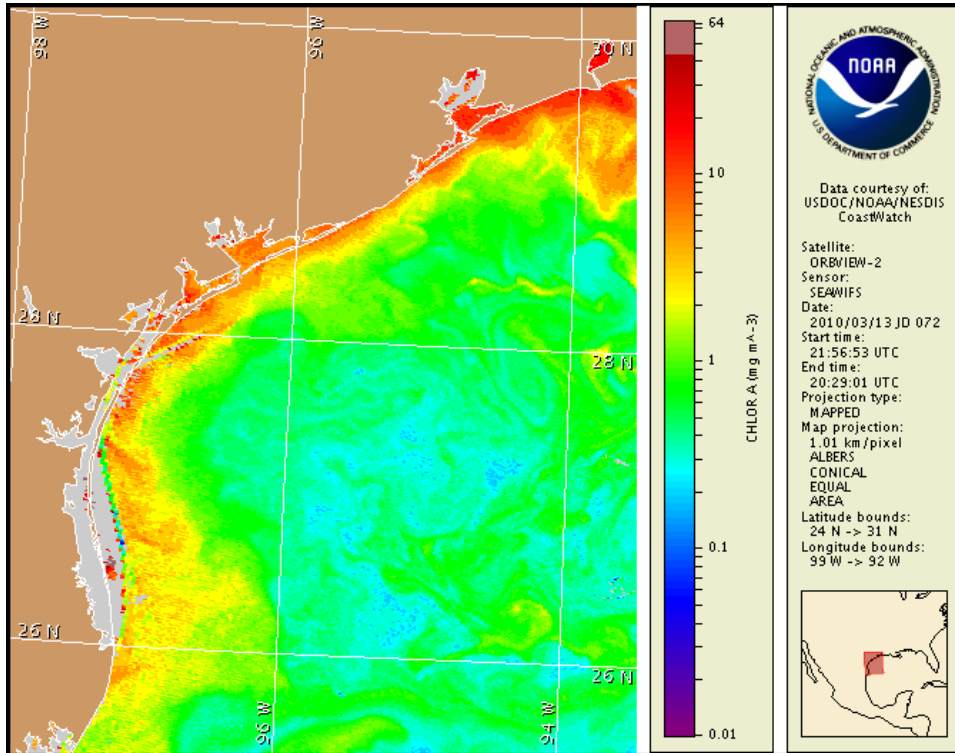
16 March 2010

NOAA Ocean Service

NOAA Satellites and Information Service

NOAA National Weather Service

Last bulletin: March 9, 2010



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from March 8 to 10 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

[http://tidesandcurrents.noaa.gov/hab/habfs\\_bulletin\\_guide.pdf](http://tidesandcurrents.noaa.gov/hab/habfs_bulletin_guide.pdf)

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.

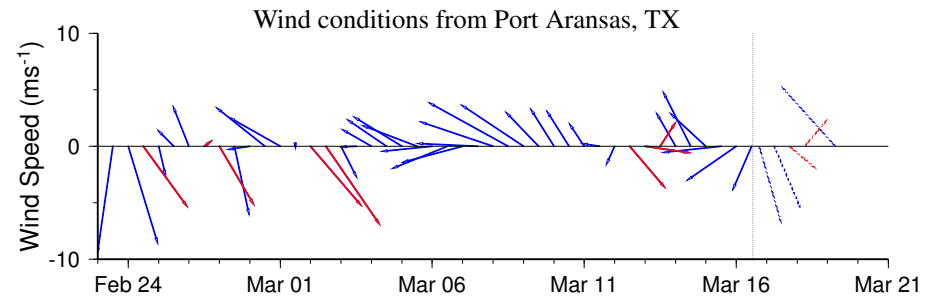
## Conditions Report

There have been no reports of harmful algal blooms in coastal Texas. No impacts are expected.

## Analysis

There have been no recent reports of *K. brevis*. There is an interesting high chlorophyll patch in southern Texas. Image is 3 days old, as more recent imagery has been cloudy.

-Wynne, Tomlinson

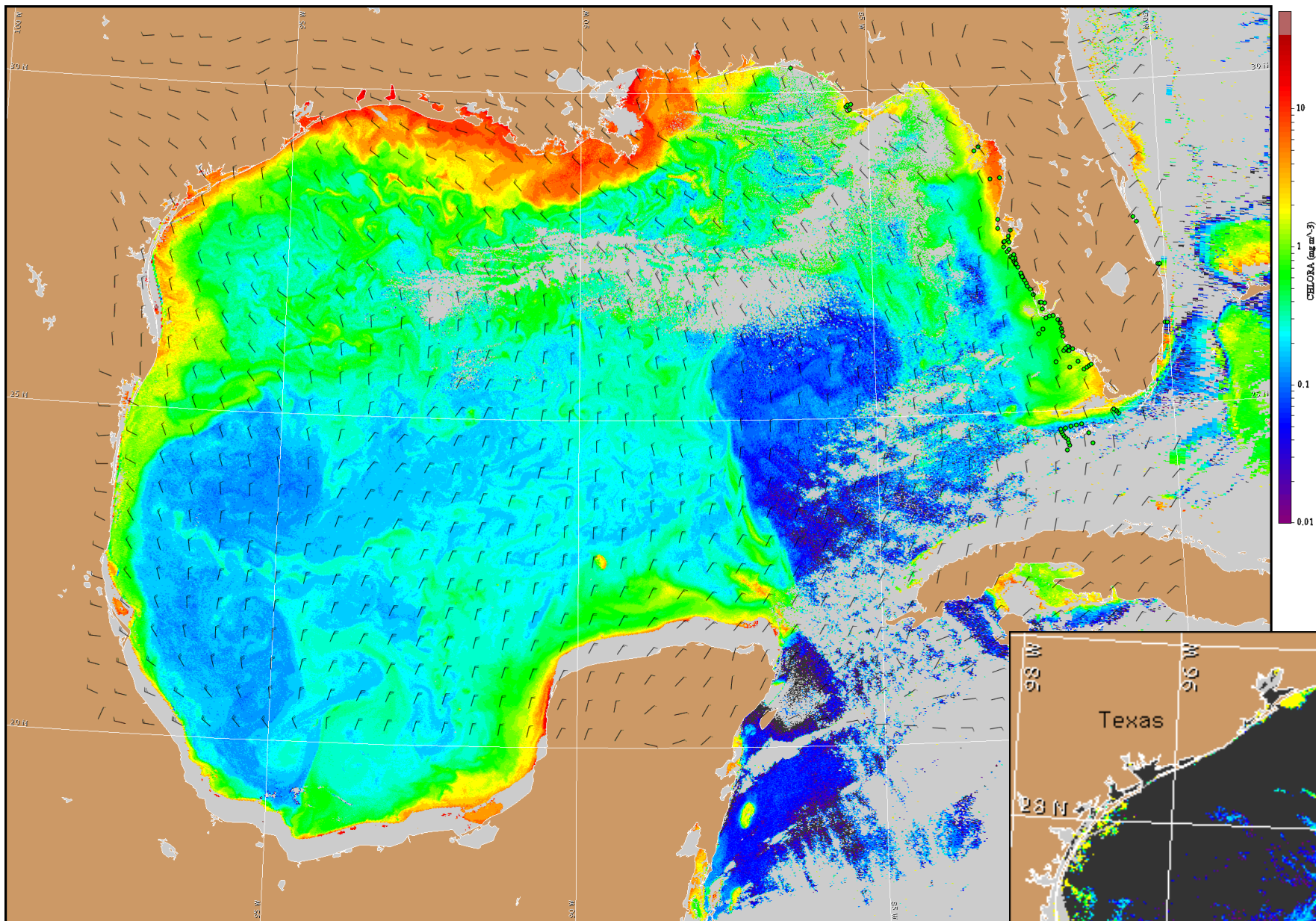


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts. Wind observation and forecast data provided by NOAA's National Weather Service (NWS).

## Wind Analysis

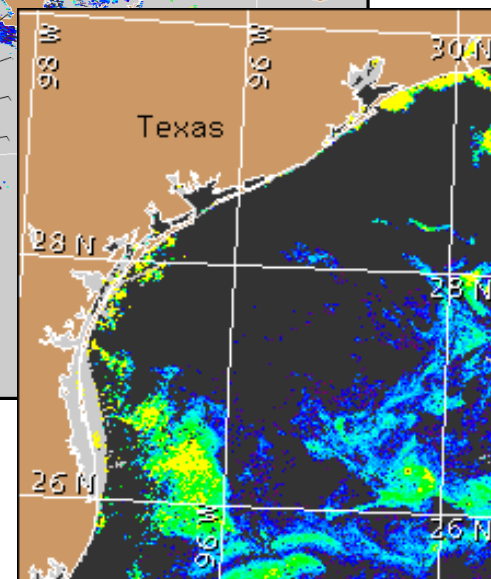
North wind today at 10-20 knots. Wednesday NW wind at 10-15 knots. Thursday NE wind at 5-10 knots. Friday SE wind at 10-15 knots. Saturday SW wind at 15-20 knots.

To see previous bulletins and forecasts for other Harmful Algal Bloom Bulletin regions, visit the NOAA CoastWatch bulletin archive: [http://coastwatch.noaa.gov/hab/bulletins\\_ns.htm](http://coastwatch.noaa.gov/hab/bulletins_ns.htm)



Satellite chlorophyll image and forecast winds for March 17, 2010 06Z with Cell concentration sampling data from March 8 to 10 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

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Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).